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L1	11487	edit\$3 AND merg\$4 and page\$1	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/06 15:54
L2	4275	L1 AND @ad<"20001218"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/06 15:55
L3	694	L2 and semantic\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/06/06 16:01
L4	1	(707/530).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/06 15:57
L5	1162	(715/530).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/06 15:57
L6	208	(715/522).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/06/06 15:57
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1 World Wide Web: Merging techniques for performing data fusion on the web



Theodora Tsikrika, Mounia Lalmas

October 2001 **Proceedings of the tenth international conference on Information and knowledge management**

Publisher: ACM Press

Full text available: pdf(1.30 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Data fusion on the Web refers to the merging, into a unified single list, of the ranked document lists, which are retrieved in response to a user query by more than one Web search engine. It is performed by metasearch engines and their merging algorithms utilise the information present in the ranked lists of retrieved documents provided to them by the underlying search engines, such as the rank positions of the retrieved documents and their retrieval scores. In this paper, merging techniques are ...

Keywords: Dempster-Shafer's theory of evidence, information retrieval, web data fusion

2 Information access and retrieval (IAR): Shadow document methods of results merging



Shengli Wu, Fabio Crestani

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(176.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In distributed information retrieval systems, document overlaps occur frequently across results from different databases. This is especially the case for meta-search engines which merge results from several general-purpose web search engines. This paper addresses the problem of merging results which contain overlaps in order to achieve better performance. Several algorithms for merging results are proposed, which take advantage of the use of duplicate documents in two ways: one correlates scores ...

Keywords: data fusion, information retrieval

3 A framework for sharing personal annotations on web resources using XML



Takeshi Sannomiya, Toshiyuki Amagasa, Masatoshi Yoshikawa, Shunsuke Uemura

January 2001 **Australian Computer Science Communications , Proceedings of the**